

## ASO RRSPO Annual Report - FY05

Runway Incursions -FY-05			Runway Incursions -FY-04		
LOB	Type	Total	LOB	Type	Total
ATO	Operational Errors	14	ATO	Operational Errors	21
FS	Pilot Deviations	24	FS	Pilot Deviations	27
ARP	Veh/Ped Deviations	6	ARP	Veh/Ped Deviations	12
<b>Total</b>		<b>44</b>	<b>Total</b>		<b>60</b>

33% DECREASE in Operational Errors

11% DECREASE in Pilot Deviations\*\*

50% DECREASE in Vehicle Pedestrian Deviations

**27% DECREASE OVERALL IN TOTAL NUMBER OF RIs**

\*\* RWS Resource Centers have been established at many of the G.A. airports for heightened safety awareness, which has contributed to a decrease in RIs caused by G.A pilots.

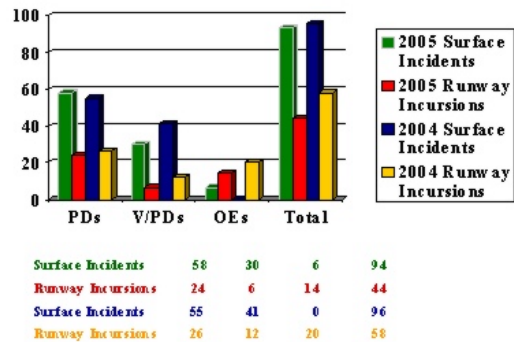
### FY05 and FY04 Comparison of Regions' Runway Incursions

#### FY05 Vs FY04

FY 2005				
REGION	OE/D	PD	VPD	TOTAL
AAL	3	6	6	15
ACE	1	10	2	13
AEA	18	16	8	42
AGL	20	22	10	52
ANE	6	15	2	23
ANM	9	9	0	18
<b>ASO</b>	<b>14</b>	<b>24</b>	<b>6</b>	<b>44</b>
ASW	8	14	6	28
AWP	26	51	12	89
<b>TOTAL</b>	<b>106</b>	<b>167</b>	<b>52</b>	<b>326</b>

FY 2004				
REGION	OE/D	PD	VPD	TOTAL
AAL	3	9	7	19
ACE	3	5		8
AEA	16	15	8	39
AGL	20	30	10	60
ANE	2	4		6
ANM	11	10	2	23
<b>ASO</b>	<b>21</b>	<b>27</b>	<b>12</b>	<b>60</b>
ASW	5	19	3	27
AWP	16	54	14	84
<b>TOTAL</b>	<b>97</b>	<b>173</b>	<b>56</b>	<b>326</b>

## Surface Incidents/Runway Incursions 2005 vs 2004



## FY05 Vs FY04 Comparison of Regions' Runway Incursion Categories

### Runway Incursions Severity Ranking

National Goal FY05 A+B =36

REG	A	B	C	D	TOT
AAL			6	9	15
ACE	1		3	9	13
AEA	3	3	12	24	42
AGL	2	3	15	32	52
ANE	1	1	5	16	23
ANM	2		7	9	18
ASO	2	3	14	25	44
ASW		1	11	16	28
AWP	2	5	20	62	89
<b>TOT</b>	<b>13</b>	<b>16</b>	<b>93</b>	<b>202</b>	<b>324</b>

### Runway Incursions Severity Ranking

National Goal FY04 A+B =40

REG	A	B	C	D	TOT
AAL			5	14	19
ACE			4	4	8
AEA	3	1	10	25	39
AGL	2	3	20	35	60
ANE		2	2	2	6
ANM	2	2	8	11	23
ASO	2	2	26	30	60
ASW	1	1	12	13	27
AWP	2	5	33	44	84
<b>TOT</b>	<b>12</b>	<b>16</b>	<b>120</b>	<b>178</b>	<b>326</b>

## ASO FY05 and FY04 Comparison of RI Categories

### RI Category/Type - FY05

CAT	OE	PD	VPD	TTL
*A	2			2
*B		2	1	3
C	4	8	2	14
D	8	14	3	25
<b>TTL</b>	<b>14</b>	<b>24</b>	<b>6</b>	<b>44</b>

### RI Category/Type - FY04

CAT	OE	PD	VPD	TTL
*A	1	1		2
*B		2		2
C	11	11	4	26
D	9	13	8	30
<b>TTL</b>	<b>21</b>	<b>27</b>	<b>12</b>	<b>60</b>

\*A 25% increase of A & B RIs in FY05 from FY04 which totaled 5 as compared to 4 for FY04.

**FY05 and FY04 Comparison of the 5 Larger Regions' RI Rates**  
**RI Rates Per 100K (thru 8/31)**

**FY05**

<b>Regions</b>	<b>OPS</b>	<b>OEs</b>	<b>Rate</b>	<b>PDs</b>	<b>Rate</b>	<b>VPDs</b>	<b>Rate</b>
<b>AEA</b>	<b>7,334,768</b>	<b>18</b>	<b>.25</b>	<b>16</b>	<b>.22</b>	<b>8</b>	<b>.11</b>
<b>AGL</b>	<b>8,236,283</b>	<b>20</b>	<b>.24</b>	<b>22</b>	<b>.27</b>	<b>10</b>	<b>.12</b>
<b>ASO</b>	<b>12,778,252</b>	<b>14</b>	<b>.11</b>	<b>24</b>	<b>.19</b>	<b>6</b>	<b>.05</b>
<b>ASW</b>	<b>6,679,895</b>	<b>8</b>	<b>.12</b>	<b>14</b>	<b>.21</b>	<b>6</b>	<b>.09</b>
<b>AWP</b>	<b>12,541,865</b>	<b>26</b>	<b>.21</b>	<b>51</b>	<b>.41</b>	<b>12</b>	<b>.10</b>

**FY04**

<b>Regions</b>	<b>OPS</b>	<b>OEs</b>	<b>Rate</b>	<b>PDs</b>	<b>Rate</b>	<b>VPDs</b>	<b>Rate</b>
<b>AEA</b>	<b>7,173,590</b>	<b>16</b>	<b>.22</b>	<b>15</b>	<b>.21</b>	<b>8</b>	<b>.11</b>
<b>AGL</b>	<b>8,364,094</b>	<b>20</b>	<b>.24</b>	<b>30</b>	<b>.36</b>	<b>10</b>	<b>.12</b>
<b>ASO</b>	<b>12,621,538</b>	<b>21</b>	<b>.17</b>	<b>27</b>	<b>.21</b>	<b>12</b>	<b>.10</b>
<b>ASW</b>	<b>6,601,027</b>	<b>5</b>	<b>.08</b>	<b>19</b>	<b>.29</b>	<b>3</b>	<b>.05</b>
<b>AWP</b>	<b>11,755,569</b>	<b>16</b>	<b>.14</b>	<b>54</b>	<b>.46</b>	<b>14</b>	<b>.12</b>

**FY05 Major Initiatives and Accomplishments**

**Training and Familiarization Programs**

- Developed 1<sup>st</sup> authorized approved Inspection Authorization (IA) Renewal runway safety training module adopted by HQ Office of Runway Safety and Operational Services for National use and distribution
- Developed Runway Safety Reference manual for Flight Standards District Office Managers and Chief Executive Officers for FAR Part 121/135 Operations for use on becoming familiar and keeping abreast of the runway safety program for their personnel's use.
- Developed 2 RWS Operational Error (OE) Checklists for use by Runway Safety Team and ATM to review/investigate OE runway incursions (RIs) resulting in A or B category RIs. Additionally, developed an ATM's guide to aid in use during the conduct of internal audits of OEs that result in RIs.
- Completed Runway Safety/Flight Standards "Safer Skies" DVD Project filming (Round table discussion on surface safety, causes and prevention); part of the Administrator's Safer Skies Agenda. DVD developed and distributed to all Flight Standards District Office Safety Program Managers, HQs and Regional Runway Safety Program Managers for use as a training aid.
- Developed a pocket sized laminated pilot's checklist card distributed to pilots during safety seminars. Information include items to be followed for reduction/elimination of surface incidents. Also developed pocket sized guide and checklist for use by Aviation Maintenance Technicians.
- Completed a RWS CD for use as an educational aid by Miami Int'l FSDO for a meeting in Brazil to introduce RWS training and awareness as part of our on going partnership and outreach with International groups.

- **Completed 100+ runway safety seminars, workshops and conferences for heighten safety awareness and enhanced surface safety.**

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**Other Initiatives – Ongoing**

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- **Runway Safety Action Team Meetings, Safety Assessments, Operations Rain Check, Safety Seminars, and Pilot/Controller Forums**
- **Flight Schools Pilot Briefings**
- **Flight Instructors Refresher Training (FIRC)**
- **Check Airmen/Designated Pilot Examiners training**
- **Quarterly Runway Safety Bulletins with stats, trends, updates, etc.**
- **On-going partnership/outreach programs with Miami Flight Standards District Office's International Field Office (IFO)**